

DEPARTMENT OF RAILWAYS AND CANALS

CANAL STATISTICS

FOR THE

SEASON OF NAVIGATION

1917

PRINTED BY ORDER OF PARLIAMENT



OTTAWA
J. DE LABROQUERIE TACHÉ
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY

1918

[No. 20a—1918]

*To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc.,
etc., Governor General and Commander in Chief of the Dominion of Canada*

MAY IT PLEASE YOUR EXCELLENCY,—

The undersigned has the honour to present to Your Excellency, Cana¹
Statistics for the year ended December 31, 1917.

All of which is respectfully submitted.

J. D. REID,

Minister of Railways and Canals.

To the Honourable J. D. REID,

Minister of Railways and Canals.

SIR,—I have the honour to submit the annual report of the Comptroller of Statistics in relation to the operations of the Canals of the Dominion for the year ended December 31, 1917.

I have the honour to be, sir,

Your obedient servant,

A. W. CAMPBELL,

Deputy Minister of Railways and Canals.

OFFICE OF THE COMPTROLLER OF STATISTICS,
OTTAWA, May 1, 1918.

A. W. CAMPBELL, Esq., C.E.,
Deputy Minister of Railways and Canals.

SIR,—I have the honour to submit herewith Canal Statistics for the year ended December 31, 1917.

ABRIDGED REPORT.

Owing to war conditions, it has been deemed expedient for the year 1917 to materially reduce the volume of statistical matter published. The complete facts, however, have been tabulated and will be available when required.

VOLUME AND DISTRIBUTION OF TRAFFIC.

	Tons.	Increase.	Decrease.
		Tons.	Tons.
Sault Ste. Marie.....	15,447,092	.....	1,366,557
Welland.....	2,490,542	.....	54,422
St. Lawrence.....	3,391,144	23,080	.....
Chambly.....	434,818	35,841	.....
St. Peter's.....	62,254	52,625	.....
Murray.....	57,603	10,923	.....
Ottawa.....	214,835	.....	22,816
Rideau.....	84,549	.....	20,881
Trent.....	48,924	3,915	.....
St. Andrews.....	7,174	.....	6,264
Total.....	22,238,935	126,384	1,470,940

GROSS TRAFFIC SINCE 1915.

	Tons.
1905.....	9,371,744
1906.....	10,523,185
1907.....	20,543,639
1908.....	17,502,820
1909.....	33,720,748
1910.....	42,990,608
1911.....	38,030,353
1912.....	47,587,245
1913.....	52,053,913
1914.....	37,023,237
1915.....	15,198,803
1916.....	23,583,491
1917.....	22,238,935

ANALYSIS OF TRAFFIC.

Canals.	Agricultural Products.	Animal Products.	Manu- factures.	Products of Forest.	Products of Mines.	Total.
1917.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Sault Ste. Marie.....	2,670,744	172	322,113	32,889	12,421,174	15,447,092
Welland.....	562,669		184,290	243,965	1,499,618	2,490,542
St. Lawrence.....	564,185	4,899	236,197	469,433	2,116,430	2,391,144
Chambly.....	15,280	138	18,664	259,713	141,023	434,818
St. Peter's.....	6,601	2,721	6,931	2,218	43,783	62,254
Murray.....	325		6,956	9	50,313	57,603
Ottawa.....	3,467	3,410	24,682	98,539	84,737	214,835
Rideau.....	3,225	1,872	10,779	11,826	56,847	84,549
Trent.....	1,191	220	2,384	44,810	319	48,924
St. Andrews.....	5	7	162	7,000		7,174
Total.....	3,827,692	13,439	813,158	1,170,402	16,410,856	22,238,935

—	1912.	1913.	1914.	1915.	1916.	1917.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
Agricultural products.....	14.51	16.40	21.51	34.11	21.96	17.21
Animal products.....	.04	.04	.04	.07	.04	.06
Manufactures.....	4.68	3.61	3.29	7.21	3.53	3.65
Products of forest.....	3.43	3.22	4.38	9.83	5.87	5.26
Products of mine.....	77.34	76.73	70.78	48.78	68.60	73.82

SESSIONAL PAPER No. 20a

CANADIAN AND AMERICAN TRAFFIC.

Neither the canals of Canada nor those of the United States impose tolls. Perfect reciprocity prevails in the use of these artificial waterways.

COMPARISON OF TRAFFIC.

Year.	Canadian Vessels.		U.S. Vessels.		Freight Tonnage.		
	No.	Tonnage.	No.	Tonnage.	Canada.	United States.	Total.
1908.....	29,040	6,780,789	7,489	4,835,320	5,012,147	12,190,673	17,502,820
1909.....	22,507	7,811,578	9,996	16,459,322	7,378,057	26,342,691	33,720,748
1910.....	25,337	8,931,790	11,462	21,777,297	7,883,614	35,106,994	42,990,608
1911.....	25,585	9,172,192	10,370	18,231,622	7,792,907	30,237,446	38,030,353
1912.....	27,371	10,237,335	11,785	24,636,190	9,376,529	38,210,716	47,587,245
1913.....	28,654	12,078,041	10,739	24,238,788	11,130,875	40,923,038	52,053,913
1914.....	26,125	12,050,856	7,742	15,636,414	9,382,206	27,641,031	37,023,237
1915.....	21,575	9,398,207	6,415	7,385,101	6,789,423	8,409,380	15,198,803
1916.....	23,002	9,839,029	6,800	10,660,839	7,486,962	16,096,529	23,583,491
1917.....	21,588	9,831,694	6,594	10,259,772	5,964,369	16,274,566	22,238,935

TRANSPORTATION OF CANADIAN WHEAT.

Since 1895 the volume of Canadian wheat annually carried through the Canadian canal at Sault Ste. Marie has been as follows:--

	Bushels.
1895.....	1,087,800
1896.....	7,274,000
1897.....	9,130,167
1898.....	3,456,934
1899.....	7,699,267
1900.....	5,573,267
1901.....	5,893,034
1902.....	19,896,900
1903.....	25,807,800
1904.....	25,250,969
1905.....	22,603,500
1906.....	26,361,400
1907.....	34,602,000
1908.....	41,793,300
1909.....	48,047,833
1910.....	51,774,833
1911.....	63,641,000
1912.....	83,743,034
1913.....	101,066,133
1914.....	77,467,833
1915.....	48,727,911
1916.....	82,807,342
1917.....	60,551,243

COMPARISON OF 1915, 1916 AND 1917.

	1915.	1916.	1917.
	Bushels.	Bushels.	
Through the Canadian canal.....	48,727,911	82,807,342	60,551,243
Through the American canal.....	121,389,950	102,196,325	98,023,019
Total.....	170,117,861	185,003,667	158,574,262

Canadian wheat, in the form of flour, had a total of 13,230,850 bushels. There were 2,940,189 barrels of flour, which were calculated into wheat on the basis of 4½ bushels to barrel.

The total volume of waterborne wheat in 1917 would thus be made up as follows:—

	Bushels.
Through the Canadian canal.....	60,551,243
Through the American canal.....	98,023,019
In the form of flour.....	13,230,850
Total.....	171,805,112

The distribution of Canadian wheat, moved through the Canadian and American canals at Sault Ste. Marie from Port Arthur-Fort William, was as follows:—

From	1915.	1916.	1917.
Port Arthur-Fort William.	Bushels.	Bushels.	Bushels.
To Montreal.....	3,512,410	1,233,982	1,280,170
“ Georgian Bay ports.....	25,065,999	46,406,749	52,453,042
“ other Canadian ports.....	33,067,613	28,029,847	31,369,487
“ Buffalo.....	106,784,542	106,349,943	72,872,692
Total.....	168,430,564	182,020,521	157,975,391

To the foregoing total for 1917 should be added 598,871 bushels of Canadian wheat shipped from Duluth to Montreal.

“Other Canadian ports” practically means Port Colborne at the western entrance to the Welland Canal.

WHEAT MOVEMENT BY MONTHS, 1917.

1917.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
<i>Canadian Canal.</i>										
Fort William-Port Arthur to Montreal.....	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
Georgian Bay.....	45,000	158,980	205,500	158,980	129,000	164,266	304,800	17,200	40,000	1,064,746
Other Canadian Ports.....	5,728,500	1,653,806	6,393,880	1,653,806	1,020,640	277,000	4,157,397	5,113,678	2,860,700	27,210,601
Buffalo.....	2,427,000	2,650,883	1,549,402	2,650,883	2,126,000	1,960,675	2,476,000	3,657,700	573,000	17,420,660
Duluth-Superior to Montreal.....	4,088,087	363,600	2,177,213	363,600	276,500	567,630	2,608,087	4,428,850	345,219	14,855,236
Georgian Bay.....										
Other Canadian Ports.....										
Buffalo.....										
Total.....	12,288,587	4,832,269	10,325,995	4,832,269	3,532,140	2,969,621	9,546,284	13,217,428	3,818,919	60,551,243
<i>American Canal.</i>										
Fort William-Port Arthur to Montreal.....				56,724		57,000	56,700	45,000		215,424
Georgian Bay.....				2,365,280	1,680,939	748,000	7,251,390	6,545,220	2,838,287	25,242,441
Other Canadian Ports.....				562,436	2,012,414	1,876,995	3,607,289	2,286,168	577,000	13,948,827
Buffalo.....				1,779,359	1,032,204	784,496	10,651,162	12,177,958	8,207,255	58,017,456
Duluth-Superior to Montreal.....										
Georgian Bay.....										
Other Canadian Ports.....										
Buffalo.....										
Total.....	18,079,053	4,763,799	12,744,689	4,763,799	4,725,557	3,466,491	21,566,541	21,054,347	11,622,542	98,023,019
<i>Canadian and American Canals.</i>										
Fort William-Port Arthur to Montreal.....				215,704	129,000	221,266	361,500	62,200	40,000	1,280,170
Georgian Bay.....				4,024,086	2,701,579	1,025,000	11,408,787	11,658,898	5,698,987	52,453,042
Other Canadian Ports.....				3,213,319	4,138,414	3,837,670	6,083,289	5,943,868	1,150,000	31,369,487
Buffalo.....				2,142,959	1,308,704	1,352,176	13,259,249	16,606,809	8,552,474	72,872,692
Duluth-Superior to Montreal.....										
Georgian Bay.....										
Other Canadian Ports.....										
Buffalo.....										
Total.....	30,367,640	9,596,068	23,070,684	9,596,068	8,277,697	6,436,112	31,112,825	34,271,775	15,441,461	158,574,262

8 GEORGE V, A. 1918

There was a large volume of wheat moved during the year 1917 from Port Colborne to Montreal, which might properly be added to the foregoing total for Fort William-Port Arthur to Montreal. Port Colborne was used as a port of transfer. It might, in fact, be assumed that nearly all the wheat moved from the head of the Great Lakes to "other Canadian ports" actually went to Montreal.

A helpful light is thrown on the foregoing table when the monthly totals are reduced to a percentage basis, as follows :—

	1915.	1916.	1917.		1915.	1916.	1917.
April.....	4.8	8.6	....	September.....	7.3	6.1	4.1
May.....	5.5	16.9	19.2	October.....	27.5	8.7	19.6
June.....	2.0	11.9	14.5	November.....	29.7	12.0	21.6
July.....	1.9	14.4	6.1	December.....	20.0	9.6	9.7
August.....	1.3	11.8	5.2				

FREIGHT RATES BY WATER.

Carriers by water obtained exceptionally high rates on wheat during the season of 1917, which may be accepted as indicating heavy tolls for all commodities.

The rates of freight over the different routes during the year were as follows :—

	1915.	1916.	1917.
Port Arthur—Fort William to Montreal—			
Per ton per mile.....	0.132 cent.	0.205 cent.	0.265 cent.
Per bushel.....	4.99 "	7.55 "	9.78 "
Per ton.....	\$1.66	\$2.52	\$3.26
Port Arthur—Fort William to Georgian Bay—			
Per ton per mile.....	0.282 cent.	0.264 cent.	0.270 cent.
Per bushel.....	3.54 "	4.10 "	4.25 "
Per ton.....	\$1.18	\$1.37	\$1.42
Port Arthur—Fort William to other Canadian ports—			
Per ton per mile.....	0.124 cent.	0.169 cent.	0.185 cent.
Per bushel.....	2.84 "	3.68 "	4.18 "
Per ton.....	\$94.80 "	1.22	\$1.39
Port Arthur—Fort William to Buffalo—			
Per ton per mile.....	0.159 cent.	0.159 cent.	0.196 cent.
Per bushel.....	3.97 "	4.27 "	5.000 "
Per ton.....	\$1.32	\$1.42	\$1.67

The rates from Duluth were substantially the same as Port Arthur-Fort William.

SESSIONAL PAPER No. 20a

In order that the bearing of the foregoing freight rates may be properly understood in their relationship to gross earnings, allowance should be made for the following charges paid by ship owners on all cargoes of wheat moved between Fort William and Montreal :—

Clearing house at Fort William.....	·01 to ·03 cent per bush.
Trimmers at Fort William.....	·06 “ “
Elevation at Montreal.....	·30 “ “
Shovelling at Montreal.....	·20 “ “
Total	·59 cent per bushel.

To Port Colborne the average deductions would amount to ·44 per bushel to Buffalo ·41, and to Georgian Bay ports ·38.

MOVEMENT OF OTHER GRAIN.

A considerable volume of other grain than wheat passed through the Canadian and American canals at Sault Ste. Marie in 1917. The facts for the past three years are as follows :—

	1915.	1916.	1917.
	Bushels.	Bushels	Bushels.
Oats.....	26,798,488	57,743,636	37,014,644
Barley.....	4,496,509	8,679,607	5,149,725
Flax seed.....	2,068,582	4,931,569	5,073,760
Total.....	33,363,579	71,354,812	47,238,129

VESSEL AND FREIGHT TONNAGE PASSED THROUGH THE SAULT STE. MARIE CANAL.

Years.	Canadian Vessels.		U.S. Vessels.		Total No.	Vessel Tonnage.	Freight Tonnage.			Lockages.	Days Open.	Remarks.	
	No.	Tonnage.	No.	Tonnage.			Canadian.	United States.	Total.				
1895.....	609	126,534	583	623,092	1,192	749,626	595,837	699	87	Canal first opened Sept. 9, 1895.	
1896.....	2,070	589,407	3,066	3,805,749	5,136	4,395,156	.....	.....	4,577,399	3,042	218
1897.....	1,909	405,546	2,359	3,391,936	4,268	3,797,482	.....	.....	4,947,065	2,604	238
1898.....	1,811	403,931	1,864	2,353,699	3,675	2,757,630	.....	.....	3,055,387	2,520	243
1899.....	2,000	558,552	1,769	2,389,457	3,769	2,948,009	.....	.....	3,006,664	2,610	239
1900.....	1,790	577,310	1,291	1,617,438	2,081	2,194,748	.....	.....	2,035,677	2,205	238
1901.....	2,796	775,151	1,408	1,674,597	4,204	2,449,748	.....	.....	2,820,394	2,910	246
1902.....	3,080	1,366,930	1,964	3,237,372	5,044	4,604,302	.....	.....	4,729,268	3,418	264
1903.....	2,711	1,615,939	1,640	3,146,897	4,351	4,762,746	.....	.....	5,511,868	3,242	256
1904.....	2,637	1,555,042	1,325	2,675,663	3,962	4,230,705	.....	.....	5,030,705	3,022	241
1905.....	3,970	1,803,299	1,692	2,734,349	5,662	5,537,637	.....	.....	5,473,406	4,031	255
1906.....	3,922	1,959,252	1,758	4,399,872	5,680	6,359,124	.....	.....	6,574,039	4,152	253
1907.....	3,217	2,154,688	3,132	9,961,281	5,349	12,115,969	.....	.....	15,588,165	4,596	238
1908.....	3,289	2,603,232	2,204	7,035,655	5,293	9,638,887	2,092,231	10,666,985	12,759,216	3,667	235		Origin of cargo first shown.
1909.....	2,597	2,988,936	3,734	14,850,738	6,331	17,839,674	3,366,495	24,494,750	27,861,245	5,046	240		
1910.....	2,744	3,173,494	5,228	20,187,704	7,972	23,361,198	2,345,619	33,050,068	36,395,687	6,110	248		
1911.....	2,713	3,108,880	4,068	16,252,340	6,781	19,361,220	3,177,581	27,774,128	30,951,709	6,802	236		
1912.....	2,643	3,296,229	5,213	22,536,015	7,856	25,832,244	4,090,362	35,579,293	39,669,655	6,200	240		
1913.....	3,279	3,793,434	5,006	22,181,007	8,285	25,974,441	4,954,734	37,744,590	42,699,324	6,266	246		
1914.....	3,011	3,473,292	2,966	13,827,870	6,977	17,301,162	3,603,747	23,989,437	27,599,184	4,712	239		
1915.....	3,000	3,041,003	1,331	5,443,812	4,331	8,484,815	2,561,734	5,189,223	7,750,957	4,374	248		
1916.....	4,595	4,089,937	2,094	8,703,187	6,689	12,793,124	4,155,911	12,657,738	16,813,649	4,777	245		
1917.....	3,199	3,182,960	2,138	8,712,694	5,337	11,895,564	2,875,590	12,571,593	15,447,092	4,142	237		

I have the honor to be, sir,

Your obedient servant,

J. L. PAYNE,

Comptroller of Statistics.

CANAL STATISTICS

TABLE 1.—Comparative Statement of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation 1916 and 1917.

	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	United States.
1916.													
Sault Ste. Marie.....	333,901	2,886,970	2,810	887,239	384,451	11,467,241	704,378	141,656	1,430,543	15,383,106	16,813,649	4,155,911	12,657,738
Welland.....	157,060	675,282	193,165	3,057	148,046	55,361	1,350	1,311,643	499,621	2,045,343	2,544,964	1,054,480	1,490,484
St. Lawrence.....	242,920	881,418	450,157	381	40		5,405	1,787,743	698,522	2,663,542	3,368,064	1,581,195	1,786,869
Chambly.....	4,169	10,504	242,508					141,796	246,677	152,300	398,977	257,181	141,796
St. Peters.....	5,471	4,158							5,471	4,158	9,629	9,629	
Murray.....	42,563	2,542						1,575	42,563	4,117	46,680	45,085	1,595
Ottawa.....	11,796	160,809		54,474			10,572		22,368	215,283	237,651	226,381	11,270
Rideau.....	58,488	40,165						6,777	58,488	46,942	105,430	98,653	6,777
Trent.....	17,767	27,242							17,767	27,242	45,009	45,009	
St. Andrews.....	12,913	525							12,913	525	13,438	13,438	
Grand total.....	892,048	4,689,615	888,640	945,151	532,540	11,522,602	721,705	3,391,190	3,034,933	20,548,558	23,583,491	7,486,962	16,096,529
1917.													
Sault Ste. Marie.....	248,394	1,946,779	13,848	676,264	449,710	11,113,538	886,465	112,094	1,598,417	13,848,675	15,447,092	2,875,590	12,571,502
Welland.....	134,586	689,810	158,609	1,585	13,934	21,966	6,057	1,463,995	313,186	2,177,356	2,490,542	981,914	1,508,628
St. Lawrence.....	263,933	795,238	292,214	29,769	17	50	5,257	2,004,666	561,421	2,829,723	3,391,144	1,370,533	2,020,611
Chambly.....	3,200	8,906	253,353	15,518				153,841	256,553	178,265	434,818	281,292	153,526
St. Peters.....	14,520	47,734							14,520	47,734	62,254	62,254	
Murray.....	51,987	2,418						3,198	51,987	5,616	57,603	54,405	3,198
Ottawa.....	12,404	141,681		48,392			12,051	307	24,455	190,380	214,835	200,953	13,882
Rideau.....	52,285	29,284						2,980	52,285	32,264	84,549	81,330	3,219
Trent.....	15,678	33,246							15,678	33,246	48,924	48,924	
St. Andrews.....	7,003	171							7,003	171	7,174	7,174	
Grand total.....	803,990	3,695,267	718,024	771,528	463,661	11,135,554	909,830	3,741,081	2,895,505	19,343,430	22,238,935	5,964,369	16,274,566

TABLE 2.—Statement showing the Number, Tonnage and Nationality of Vessels passed through the several Canals during the Season of Navigation in 1917.

Vessels.	Total Number	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total tons.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
CANADIAN VESSELS.												
Steam and Sail.												
Sault Ste Marie.....	3,199	1,205,681	1,259,940	113,847	152,676	71,498	106,081	233,702	39,535	1,624,728	1,558,232	3,182,960
Welland.....	2,554	467,069	436,537	612,605	1,079	25,952	3,328	1,897	727,406	1,116,523	1,168,350	2,284,873
St. Lawrence.....	7,327	929,503	912,546	792,458	164	37		308	876,970	1,722,306	1,789,680	3,511,986
Chambly.....	400	24,393	24,956	7,018					9,439	31,411	34,395	65,806
Ottawa.....	1,514	144,320	144,247		3,040			2,166	224	146,486	147,511	293,997
Rideau.....	1,504	50,889	54,724	53						50,942	54,724	105,666
St. Peter's.....	1,144	41,032	41,373							41,032	41,373	82,405
Trent Valley.....	2,967	72,571	70,408							72,571	70,408	142,979
Murray.....	866	70,285	62,307	1,578					759	71,863	63,066	134,929
St. Andrews.....	113	14,895	11,198							14,895	11,198	26,093
Total, Canadian.....	21,588	3,029,638	3,018,236	1,527,559	156,959	97,487	109,409	238,073	1,654,333	4,892,757	4,938,937	9,831,694
UNITED STATES VESSELS.												
Sault Ste. Marie.....	2,138	79,323	78,850	42,963	274,018	3,046,816	4,833,094	354,750	2,790	3,523,852	5,188,752	8,712,604
Welland.....	697	6,437	4,383	140,171	207	38,626	33,070	6,671	261,823	191,905	299,483	491,388
St. Lawrence.....	1,374	16,445	11,192	332,565	10,141	16,263	4,594	3,930	424,972	369,203	449,899	819,102
Chambly.....	2,060		487	98,566	3,713				100,104	98,666	101,304	202,970
Ottawa.....	282	7,436			13,766			6,322	1,561	13,758	15,327	29,085
Rideau.....	16	982	982							982	982	1,964
St. Peter's.....	2	89								89		89
Trent-Valley.....												
Murray.....	25	12	158	1,916	5	81	25	146	227	2,155	415	2,570
St. Andrews.....												
Total, United States.....	6,594	110,724	96,052	616,281	301,850	3,101,786	4,869,783	371,819	791,477	4,200,610	6,059,162	10,259,772
Grand total, Canadian and United States.....	28,182	3,140,362	3,114,288	2,143,840	458,809	3,199,273	4,979,192	609,892	2,445,810	9,093,367	10,998,099	20,091,496

TABLE 3—Statement showing the Number, Tonnage and Nationality of Vessels passed through the several Canals, during the season of Navigation in 1917.

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
SAULT STE. MARIE CANAL.												
Canadian Vessels, Steam.....	2,923	1,181,697	1,239,275	111,081	152,496	71,498	106,081	233,702	39,187	1,597,978	1,537,039	3,135,017
“ Sail.....	276	23,984	20,665	2,766	180	.....	.....	.....	348	26,750	21,193	47,943
Total Canadian	3,199	1,205,681	1,259,940	113,847	152,676	71,498	106,081	233,702	39,535	1,624,728	1,558,232	3,182,960
United States Vessels, Steam	2,107	78,688	78,763	42,963	271,593	3,046,811	4,833,084	353,550	2,790	3,522,012	5,186,230	8,708,242
“ Sail.....	31	635	87	.....	2,425	5	10	1,200	.....	1,840	2,522	4,362
Total, United States.....	2,138	79,323	78,850	42,96	274,018	3,046,816	4,833,094	354,750	2,790	3,523,852	5,188,752	8,712,604
Grand total, Sault Ste. Marie.....	4,337	1,285,004	1,338,790	156,810	426,694	3,118,314	4,939,175	588,452	42,325	5,148,530	6,746,984	11,895,564
WELLAND CANAL.												
Canadian Vessels, Steam.....	2,096	359,101	338,008	555,939	1,079	22,697	3,328	1,897	659,669	939,604	993,084	1,932,688
“ Sail.....	458	116,968	98,529	56,696	.....	3,255	.....	.....	76,737	176,919	175,266	352,185
Total, Canadian.....	2,554	476,069	436,537	612,605	1,079	25,952	3,328	1,897	727,406	1,116,523	1,168,350	2,284,873
United States Vessels, Steam	631	2,732	2,047	128,236	117	36,709	31,391	6,271	242,294	173,948	275,849	449,797
“ Sail	66	3,705	2,336	11,935	90	1,917	1,679	400	19,529	17,957	23,634	41,591
Total, United States.....	697	6,437	4,383	140,171	207	38,626	33,070	6,671	261,823	191,905	299,483	491,388
Grand total, Welland Canal.....	3,251	482,506	440,920	752,776	1,286	64,578	36,398	8,568	989,229	1,308,428	1,467,833	2,776,261
ST. LAWRENCE CANALS.												
Canadian Vessels, Steam.....	4,068	558,115	532,453	657,214	164	37	.....	.....	734,285	1,215,366	1,266,902	2,482,268
“ Sail.....	3,259	371,388	380,093	135,244	.....	.....	.....	308	142,685	506,940	522,778	1,029,718
Total Canadian.....	7,327	929,503	912,546	792,458	164	37	.....	308	876,970	1,722,306	1,789,680	3,511,986
United States Vessels, Steam.....	1,026	1,161	1,484	328,781	.....	16,263	3,294	223	422,428	346,428	427,206	773,634
“ Sail.....	348	15,284	9,708	3,784	10,141	.....	300	3,707	2,544	22,775	22,693	54,468
Total, United States.....	1,374	16,445	11,192	332,565	10,141	16,263	3,594	3,930	424,972	369,203	449,899	819,102
Grand total, St. Lawrence Canals.	8,701	945,948	923,738	1,125,023	10,305	16,300	3,594	4,238	1,301,942	2,091,509	2,239,579	4,331,088

TABLE 3—Statement showing the Number, Tonnage and Nationality of Vessels passed through the several Canals, during the season of Navigation in 1917—Concluded.

Vessels.	Total number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.
		Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	
TRENT VALLEY CANAL												
Canadian Vessels, Steam..	2,548	60,939	59,329							60,939	59,329	120,268
“ Sail.....	419	11,632	11,079							11,632	11,079	22,711
Total, Canadian.....	2,967	72,571	70,408							72,571	70,408	142,979
Grand total Trent Valley Canal.	2,969	72,571	70,408							72,571	70,408	142,979
MURRAY CANAL												
Canadian Vessels, Steam	669	41,478	38,431	544					318	42,022	38,749	80,771
“ Sail.....	197	28,807	23,876	1,034					441	29,841	24,317	54,158
Total Canadian	866	70,285	62,307	1,578					759	71,863	63,066	134,929
United States Vessels, Steam.....	25	12	158	1,916	5	81	25	146	227	2,155	415	2,570
Total United States.....	25	12	153	1,916	5	81	25	146	227	2,155	415	2,570
Grand total Murray Canal.....	891	70,297	62,465	3,494	5	81	25	146	986	74,018	63,481	137,499
ST. ANDREWS CANAL												
Canadian Vessels, Steam.....	85	7,440	6,150							7,440	6,150	13,590
“ Sail.....	28	7,455	5,048							7,455	5,048	12,503
Total Canadian	113	14,895	11,198							14,895	11,198	26,093
Grand total St. Andrews Canal...	113	14,895	11,198							14,895	11,198	26,093

TABLE 7 (No. 1)—General Statement showing the Quantity of each Article Transported on the Sault Ste. Marie Canal during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to U. States Ports.		From U. States to U. States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural imple-													
ments	10,718	57,858			32	18,884			10,750		10,750	10,718	32
Barley				11,394				432		88,568	88,568	69,252	19,316
Cement, bricks, etc.	219				200				419		419	219	200
Coal, hard					70,050		99,500		169,550		169,550		169,550
Coal, soft	150				333,649		744,538		1,078,337		1,078,337		1,078,337
Coke	607						2,100		2,707		2,707		2,707
Dressed meats		1								1	1	1	
Flax		9,892				10,108				29,895	29,895	19,787	10,108
Flour	20	277,974		1,023		54,030			20	333,027	333,047	279,017	54,030
Hay	65								65		65	65	
Iron, pig and bloom.	2,961								2,961		2,961	2,961	
Iron and steel, all other.	7,876				6,968				14,844	1,024	15,868	6,600	9,268
Merchandise.	212,079	1,024			24,646		19,502	219	258,511	14,640	273,151	220,322	52,829
Oats		5,571		4,135		4,715				231,118	231,118	226,994	4,124
Other mill products.		175,673		48,771		3,274		3,400		29,896	29,896	29,656	240
Other woods.		29,656				240				2,534	3,570	3,417	153
Other woods.	883	2,534							6,121	11,466	17,587	11,466	6,121
Ore, all other				11,466						8,644	8,644		8,644
Ore, copper						8,644							
Ore, iron						10,865,107		100,548	17,457	11,109,577	11,127,034	137,706	10,989,328
Petroleum	501			143,922		59			560		560	501	59
Poultry, game and fish.		57											
Pulpwood	1,500	750								57	57	57	
Rye				11,564					13,064	8,250	21,314	13,814	7,500
Sawn lumber	411	2,481								5,733	5,733		5,733
Shingles.								2,527	411	6,175	6,586	3,667	2,919
Sugar										1,419	1,419		1,419
Salt	1,508								1,508		1,508	1,508	
Sand and stone.	5,747				11,000				16,747		16,747	3,747	11,000
Wheat	3,000	17,115					200		200	17,115	17,315	17,115	200
Wines, liquors and beers.		1,366,079		445,658		132,717		4,968	3,000	1,949,422	1,952,422	1,814,737	137,685
Wool	149								149		149	149	
Total Freight	248,394	1,946,779	13,848	676,264	449,710	11,113,538	886,465	112,094	1,598,417	13,848,675	15,447,092	2,875,590	12,571,502

TABLE 7 (No. 2) —General Statement showing the Quantity of each Article Transported on the Welland Canal during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to U. States Ports.		From U. States to U. States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural Implements	10,958												
Barley		24,437										10,958	
Coal, Hard												25,871	
Coal, Soft					2,026		6,057					8,083	8,083
Coke												1,292,584	1,292,584
Corn		6,390				1,316						2,200	2,200
Flax		3,060										7,706	7,706
Flour		7,348				1,100						3,060	3,060
Iron, Pig and Bloom	1,651											8,448	8,448
Iron and Steel, all other	5,084											1,651	1,651
Merchandise	43,292		160		1,568	250		73				5,244	5,244
Oats		80,747	200					1,853				45,060	45,383
Other Woods												82,600	82,600
Ore, all other			900		8,206			28				28	28
Ore, Iron					1,014			10,153				9,106	9,106
Petroleum	60	93,214				300		26,157				11,167	11,167
Pulpwood	70,923		154,664									60	60
Sawed Lumber						12,569		4,176				225,587	225,587
Square Timber	20											18,330	18,330
Sugar	860											20	20
Sand and Stone	1,275	46,061			1,120			125,337				860	860
Wheat		428,553				6,431						176,478	176,478
Wines, Liquors and Beers	463											434,984	434,984
												463	463
Total Freight	134,586	689,810	158,609	1,585	13,934	21,966	6,057	1,463,995	313,186	2,177,356	2,490,542	981,914	1,508,628

SESSIONAL PAPER No. 20a

TABLE 7 (No. 3)—General Statement showing the Quantity of each Through Article Transported on the Welland Canal during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canada.	U.S.
Agricultural implements	10,958								10,958		10,958	10,958	
Barley		24,437								25,871	25,871	25,871	
Coal, hard					2,026		6,057		8,083		8,083		8,083
" soft										1,259,263	1,259,263		1,259,263
Coke										2,200	2,200		2,200
Corn		6,390				1,316				7,706	7,706		7,706
Flax		3,060								3,060	3,060		
Flour		7,348				1,100				8,448	8,448		
Iron, pig and bloom	1,651								1,651		1,651		1,100
Iron and steel, all other	5,084		160						5,244		5,244		
Merchandise	43,242		200		1,568	250			45,010	73	45,333	43,442	1,891
Oats		80,747						1,853		82,600	82,600	80,143	2,457
Other woods								28		28	28		28
Ore, all other			900						9,106		9,106		9,106
" Iron					8,206				1,014		11,167		11,167
Petroleum	60				1,014			10,153		10,153	11,167		
Pulpwood	2,835					300		26,157	60	105,784	105,844	83,171	22,673
Sawed lumber			154,664						157,499		157,499	157,499	
Square timber	20					12,569		4,176		18,330	18,330	1,585	16,745
Sugar	860								20		20	20	
Sand and stone			2,685						860		860	860	
Wheat		428,553			1,120			300	3,805	330	4,105	2,685	1,420
Wines, liquors and beers	463					6,431				434,984	434,984	428,553	6,431
Total Freight..	65,173	629,862	158,609	1,585	13,934	21,966	6,057	1,305,637	243,773	1,959,050	2,202,823	852,553	1,350,270

TABLE 7 (No 4)—General Statement showing the Quantity of each Article Way Transported on the Welland Canal during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Coal, soft										33,321	33,321		33,321
Merchandise	50								50		50		
Petroleum		13,887								13,887	13,887		
Pulpwood	68,088								68,088		68,088		
Sand and Stone	1,275	46,061							1,275	171,098	172,373	47,336	125,037
Total Freight ..	69,413	59,948							69,413	218,306	287,719	129,361	158,358

TABLE 7 (No. 5)—General Statement showing the Quantity of each Article Transported on the St. Lawrence Canals during the Season of Navigation 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural Implem'ts.	133	1							133	1	134	134	
All other Animals	991	3,140							991	3,140	4,131	4,131	
Barley		23,075								23,075	23,075	23,075	
Buckwheat	4	5	3						7	5	12	9	3
Cement, Bricks, &c.	19,266	383					1,157	708	20,423	1,091	21,514	18,963	2,551
Coal, Hard	1,676	405						524,040	1,676	524,445	526,121	428	525,693
“ Soft	5,064	7,223		600			1,943	1,446,933	7,007	1,454,756	1,461,763	12,626	1,449,137
Corn	43	3,912						3,849	43	7,761	7,804	46	7,758
Dressed Meats.	19	34							19	34	53	53	
Flax		2,276								2,276	2,276	2,276	
Flour	1,104	9,900						1,100	1,104	11,000	12,104	11,004	1,100
Fruits and Vegetables.	332	356							332	356	688	688	
Hay	5,019	1,943							5,019	1,943	6,962	6,962	
Hides and Leather.	2	33			1				3	33	36	35	1
Household Goods.	1,704	3,710	1						1,705	3,710	5,415	5,414	1
Iron, Pig and Bloom.	2,234	208				56			2,234	258	2,492	2,442	50
Iron and Steel, all other	5,765	15,180	200		1				5,966	15,180	21,146	21,145	1
Live Stock.	123	368	1		1				125	368	493	491	2
Merchandise.	45,230	48,272	15		12		1,857	3,625	47,114	51,897	99,011	91,670	7,341
Oats.	1,173	82,140							1,173	82,140	83,313	83,313	
Other Mill Products.	168	848							168	848	1,016	1,016	
“ Packing House Products.	115	52			2				117	52	169	167	2
“ Woods	2,328	2,081						28	2,328	2,109	4,437	4,409	28
Ore, all other.	150								150		150	150	
“ Iron								2,218		2,218	2,218		2,218
Peas.	5	26							5	26	31	31	
Petroleum.	15,336	42,088						21,490	15,336	63,578	78,914	57,424	21,490
Poultry, Game and Fish		17								17	17	17	
Potatoes.	25	176							25	176	201	201	
Pulpwood.	70,134		291,974						362,108		362,108	362,108	
Rye.	3								3		3	3	
Sawed Lumber.	23,637	49,134		29,169					23,637	78,303	101,940	101,940	5
Shingles.		3	20						20	3	23	18	
Square Timber.	65	860							65	860	925	925	
Sugar.	3,454	117							3,454	117	3,571	3,571	
Salt.	1,318	200					300	675	1,318	200	1,518	1,518	
Sand and Stone.	54,987	70,216							55,287	70,891	126,178	122,948	3,230
Wheat.	449	426,251							449	426,251	426,700	426,700	
Wines, Liquors & Beers.	1,877	605							1,877	605	2,482	2,482	
Total Freight...	263,933	795,238	292,214	29,769	17	50	5,257	2,004,666	561,421	2,829,723	3,391,14	1,370,533	2,020,611

TABLE 7 (No. 6.)—General Statement showing the Quantity of each Through Article Transported on the St. Lawrence Canals during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to U. States Ports.		From U. States to U. States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
All other Animals.....													
Barley.....	68	57							68	57	125	125	
Cement, Bricks, etc..	2,228	23,075								23,075	23,075	23,075	
Coal, Hard.....											2,228	2,228	
“ Soft.....	900										519,457		519,457
Corn.....		3,909									1,431,564		1,431,564
Flax.....		2,276									5,034		5,034
Flour.....		8,132									2,276		
Fruits and Vegetables..		72									9,232		
Household Goods.....	1,402	3,471								3,471	72		
Iron, Pig and Bloom..	1,584								1,402		4,873		
Iron and Steel, all other.	3,047	12,000							1,584		1,584		
Merchandise.....	35,422	36,486	200						3,247	12,000	15,247		
Oats.....		80,817							35,422	36,486	71,908		
Other Woods.....										80,817	80,817		
Ore Iron.....										28	28		28
Peas.....		5								2,218	2,218		2,218
Petroleum.....	2,840	41,613								5	5		
Pulpwood.....	67,767		291,974						2,840	63,103	65,943	44,453	21,490
Sugar.....	2,904								359,741		359,741	359,741	
Salt.....	33								2,904		2,904	2,904	
Wheat.....		425,896									33	33	
Wines, Liquors & Beers.	960	465								425,896	425,896	425,896	
Total Freight..	119,155	638,274	292,174		1,100				411,329	2,614,356	3,025,685	1,044,794	1,980,891

TABLE 7 (No. 7) — General Statement showing the Quantity of each Way Article Transported on the St. Lawrence Canals during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Down.		Down.		Down.		Down.		Up.	Down.		Canadian.	U. States.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.					
Agricultural Imple- ments.....	133	1							133	1	134	134	
All other animals.....	923	3,083							923	3,083	4,006	4,006	
Buckwheat.....	4	5							7	5	12	9	3
Cement, bricks, etc....	17,038	383							18,195	1,091	19,286	16,735	2,551
Coal, hard.....	1,676	405							1,676	4,988	6,664	428	6,236
“ soft.....	4,164	7,223		600					6,107	24,092	30,199	12,626	17,573
Corn.....	43	3							43	2,727	2,770	46	2,724
Dressed meats.....	19	34							19	34	53	53	
Flour.....	1,104	1,768							1,104	1,768	2,872	2,872	
Fruits and vegetables..	332	284							332	284	616	616	
Hay.....	5,019	1,943							5,019	1,943	6,962	6,962	
Hides and leather.....	2	33							3	33	36	35	1
Household goods.....	302	239							303	239	542	541	1
Iron, pig and bloom....	650	208				50			650	258	908	858	50
Iron and steel, all other.	2,718	3,180			1				2,719	3,180	5,899	5,898	1
Live stock.....	123	368			1				125	368	493	491	2
Merchandise.....	9,808	11,786			12				11,692	15,411	27,103	19,762	7,341
Oats.....	1,173	1,323							1,173	1,323	2,496	2,496	
Other mill products....	168	848							168	848	1,016	1,016	
“ packing house products.....	115	52			2				117	52	169	167	2
Other woods.....	2,328	2,081							2,328	2,081	4,409	4,409	
Ore, all other.....	150								150		150	150	
Peas.....	5	21							5	21	26	26	
Petroleum.....	12,496	475							12,496	475	12,971	12,971	
Poultry, game and fish	17	17							17	17	17	17	
Potatoes.....	25	176							25	176	201	201	
Pulpwood.....	2,367								2,367		2,367	2,367	
Rye.....	3								3		3	3	
Sawed lumber.....	23,637	49,134		29,169					23,637		101,940	101,940	
Shingles.....		3							20	3	23	18	5
“ square timber.....	65	860							65	860	925	925	
Sugar.....	550	117							550	117	667	667	
Salt.....	1,285	200							1,285	200	1,485	1,485	
Sand and stone.....	54,987	70,216							55,287	70,891	126,178	122,948	3,230
Wheat.....	449	355							449	355	804	804	
Wines, liquors and beers.	917	140							917	140	1,057	1,057	
Total Freight.....	144,778	156,964	41	29,769	16	50	5,257	28,584	150,092	215,367	365,459	325,739	39,720

TABLE 7 (No. 8)—General Statement showing the Quantity of each Article Transported on the Chambly Canal during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From U. States to U. States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural imple-													
ments.....	147								147		147	147	
Cement, bricks, etc.....	206								206		206	206	
Coal, hard.....	68							124, 137	68	124, 137	124, 205	68	124, 137
Coal, soft.....								5, 017		5, 017	5, 017		5, 017
Corn.....	105								105		105	105	
Dressed meats.....	6	2							6	2	8	8	
Flour.....	705								705		705	705	
Fruits and vegetables.....	118	1, 151						195	118	1, 346	1, 464	1, 464	
Hay.....	9	5, 951							6, 089	5, 951	12, 040	12, 040	
Household goods.....	6	11							6	11	17	17	
Iron and steel, all other	215	25							215	25	240	240	
Live stock.....	12	109							12	109	121	121	
Merchandise.....	393	785						13, 311	3, 653	14, 096	17, 749	4, 558	13, 191
Oats.....	65	282							65	282	347	347	
Other Mill products.....	417	123							417	123	540	540	
Other packing house													
products.....	6	1							6	1	7	7	
Other woods.....	29	212							6, 855	212	7, 067	7, 067	
Peas.....	8	18							8	18	26	26	
Petroleum.....	78								78		78	78	
Poultry, game and fish.											2	2	
Potatoes.....	49	2							49	2	51	51	
Pulpwood.....													
Sawed lumber.....	26	25							69, 844		67, 844	69, 844	
Shingles.....	130								167, 129	15, 543	182, 672	182, 672	
Sugar.....	81	5							130		130	130	
Salt.....	125								81	5	86	86	
Sand and stone.....	180	200							125		125	125	
Wheat.....		2						11, 181	420	11, 381	11, 381	620	11, 181
Wines, liquors and										2	2	2	
beers.....	16								16		16	16	
Total Freight.....	3, 200	8, 906						153, 841	256, 553	178, 265	434, 818	281, 292	153, 526

TABLE 7 (No. 9)—General Statement showing the Quantity of each Article Transported on the St. Peter's Canal during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural Implements	2											2	
All other animals	74											74	
Barley		4								4		4	
Cement, bricks, etc.	176	47								47		223	
Coal, hard	88											88	
" soft	140	41,805								41,805		41,945	
Corn	12											12	
Dressed meats	12											12	
Flour	1,399	16										1,415	
Fruits and vegetables	676	6								6		682	
Hay	209	1								1		210	
Hides and leather	1											1	
Household goods	20	10								10		30	
Iron and steel, all other	106											106	
Live stock	7	1								1		8	
Merchandise	2,566	1,450								1,450		4,016	
Oats	713	5								5		718	
Other mill products	622	29								29		651	
" packing house products													
ducts	260	5								5		265	
Other woods	122	20								20		142	
Ore, all other		865								865		865	
Ore, iron		80								80		80	
Peas	5											5	
Petroleum	632	27								27		659	
Poultry, game and fish.	172	2,188								2,188		2,360	
Potatoes	2,872	31								31		2,903	
Sawed lumber	1,599	199								199		1,798	
Shingles	190	84								84		274	
Square timber	4											4	
Sugar	131	16								16		147	
Salt	1,708	40								40		1,748	
Sand and stone		805								805		805	
Wheat	1									1		1	
Wool	1									1		1	
Total Freight	14,520	47,734								47,734		62,254	

TABLE 7 (No. 10)—General Statement showing the Quantity of each Article Transported on the Murray Canal, during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Coal, soft.....	90	100	.....	.....	.....	.....	.....	.....	90	3,298	3,388	190	3,198
Fruits and Vegetables..	325	.....	.....	.....	.....	.....	.....	.....	325	.....	325	325	.....
Merchandise.....	4,539	2,309	.....	.....	.....	.....	.....	.....	4,539	2,309	6,848	6,848	.....
Sawed Lumber.....	.....	9	.....	.....	.....	.....	.....	.....	.....	9	9	9	.....
Sugar.....	108	.....	.....	.....	.....	.....	.....	.....	108	.....	108	108	.....
Sand.....	46,925	.....	.....	.....	.....	.....	.....	.....	46,925	.....	46,925	46,925	.....
Total Freight....	51,987	2,418	.....	.....	.....	.....	.....	3,198	51,987	5,616	57,603	54,405	3,198

SESSIONAL PAPER No. 20a

TABLE 7, No. 11—General Statement showing the Quantity of each Article Transported on the Ottawa Canals during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural implements	123	8							123	8	131	131	
All other animals	147	2,625							147	2,625	2,772	2,772	
Buckwheat	4								4		4	4	
Cement, bricks, &c.	1,643	115							1,643	115	1,758	1,758	
Coal, hard	632	775							949	775	1,724	8	1,716
" soft	125							307	3,808	307	4,115	125	3,990
Corn	30	1							30	1	31	31	
Dressed meats	14	7							14	7	21	21	
Flax	1								1		1	1	
Flour	526	106							526	106	632	632	
Fruits and vegetables	185	68							185	68	253	253	
Hay	40	1,352							40	1,352	1,392	1,392	
Hides and leather	2	38							2	38	40	40	
Household goods	144	85							144	85	229	229	
Iron, pig and bloom	211	16							211	16	227	227	
Iron and steel, all other	799	150							799	150	949	949	
Live stock	97	349							97	349	446	446	
Merchandise	4,554	5,719					8,051		12,605	5,719	18,324	10,148	8,176
Oats	93	120							93	120	213	213	
Other mill products	108	502							108	502	610	610	
" packing house products													
ducts	87	29							87	29	116	116	
Other woods											10,139	10,139	
Peas	4	27							4	27	31	31	
Petroleum	536	87							536	87	623	623	
Poultry, game and fish		15								15	15	15	
Potatoes	9	173							9	173	182	182	
Rye	5								5		5	5	
Sawed lumber	52	37,420							52	84,498	84,550		
Shingles	20									20	20		
Square timber	19	2,497							19	3,811	3,830	3,830	
Sugar	376	66							376	66	442	442	
Salt	1,051	94							1,051	94	1,145	1,145	
Sand		78,898								78,898	78,898	78,898	
Wheat	89	24							89	24	113	113	
Wines, liquors and beers	698	156							698	156	854	854	
Total	12,404	141,681					12,051	307	24,455	190,380	214,835	200,953	13,882

TABLE 7 (No. 12)—General Statement showing the Quantity of each Article Transported on the Rideau Canal during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
All other animals.....	372	1,301							372	1,301	1,673	1,673	.....
Cement, bricks, etc.....	752	11							752	11	763	524	239
Coal, hard.....	8	51						2,980	8	3,031	3,039	59	2,980
" soft.....	39	60							39	60	99	99	.....
Dressed meats.....	19	14							19	14	33	33	.....
Flour.....	4	51							4	51	55	55	.....
Fruits and vegetables..	15	1							15	1	16	16	.....
Hay.....	2,530	424							2,530	424	2,954	2,954	.....
Hides and leather.....		30								30	30	30	.....
Household goods.....	30	12							30	12	42	42	.....
Iron, pig and bloom.....	127	1							127	1	128	128	.....
Iron and steel, all other.	984	15							984	15	999	999	.....
Live stock.....	1	4							1	4	5	5	.....
Merchandise.....	4,097	3,255							4,097	3,255	7,352	7,352	.....
Oats.....		67								67	67	67	.....
Other mill products.....	15	101							15	101	116	116	.....
" packing house products													
" woods.....	111	20							111	20	131	131	.....
Peas.....	287	624							287	624	911	911	.....
Petroleum.....		5								5	5	5	.....
Potatoes.....	252	27							252	27	279	279	.....
Pulpwood.....		7								7	7	7	.....
Sawed lumber.....		120								120	120	120	.....
Shingles.....	3,511	5,019							5,511	5,019	10,530	10,530	.....
Square timber.....	48								48		48	48	.....
Sugar.....	217								217		217	217	.....
Salt.....	68	33							68	33	101	101	.....
Sand and stone.....	603	28							603	28	631	631	.....
Wheat.....	35,745	17,964							35,745	17,964	53,709	53,709	.....
Wines, liquors and beers	450	5								5	5	5	.....
		34							450	34	484	484	.....
Total Freight.....	52,285	29,284						2,980	52,285	32,264	84,549	81,330	3,219

SESSIONAL PAPER No. 20a

TABLE 7 (No. 13) — General Statement showing the Quantity of each Article Transported on the Trent Valley Canals during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to U. States Ports.		From U. States to U. States Ports.		From U. States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Agricultural implements	38										38	38	
All other animals	8	43									51	51	
Cement, bricks, etc.	80	144									224	224	
Coal, hard	112	2									114	114	
“ soft	86	19									105	105	
Flour	22										22	22	
Fruits and vegetables	21										21	21	
Household goods	123	23									146	146	
Iron, pig and bloom	5	2									7	7	
Iron and steel, all other.	3										3	3	
Live stock	121	48									169	169	
Merchandise	978	963									1,941	1,941	
Other mill products	43										43	43	
“ woods	12,083	16,800									28,883	28,883	
Peas	9	5									14	14	
Petroleum	13										13	13	
Potatoes	15	2									17	17	
Pulpwood		13,764									13,764	13,764	
Rye	24	24									48	48	
Sawed lumber	651	1,155									1,806	1,806	
Shingles	53	27									80	80	
Square timber.	60	217									277	277	
Sugar	11										11	11	
Salt	1										1	1	
Sand and stone	100										100	100	
Wheat	1,018	8									1,026	1,026	
Total Freight	15,678	33,246									48,924	48,924	

TABLE 7 (No 14)—General Statement showing the Quantity of each Article Transported on the St. Andrews, during the Season of Navigation in 1917.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Origin of Cargo.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		Canadian.	U. States.
Hay										5	5		5
Live stock.....										7	7		7
Merchandise.....	3	159							3	159	162	162	
Other woods	6,375								6,375		6,375	6,375	
Sawed lumber.....	625								625		625	625	
Total Freight.....	7,005	171							7,003	171	7,174	7,174	